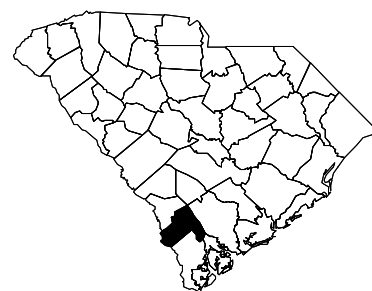


IMPACT OF CHRONIC CONDITIONS HAMPTON County, 2002



In the year 2002, the leading causes of death among South Carolinians were heart disease, cancer, stroke, accidents, chronic lower respiratory disease, diabetes, Alzheimer's disease, pneumonia and influenza, nephritis, nephritic syndrome, nephrosis and septicemia. This report focuses on the chronic conditions of the population of Hampton county, and is compared to the overall chronic conditions of the population of South Carolina as a whole.

The distribution of Hampton county's population is similar to the state population. The majority (39%) of the population in Hampton county are between the ages of 18-44, and there are more males (51%) than females (49%). However, Hampton county has a higher minority population (57%) and a higher percentage of people under the age of 18 (25%). These percentages are higher than the state's (32% and 24%, respectively). When adults in Hampton county were asked about their general health status, 78.5% reported having excellent, very good, or good health in 2002 (SC was 83%).

	HAMPTON COUNTY	STATE
Population size	21,316	4,107,183
Age distribution (%)		
<18	25	24
18-44	39	40
45-64	24	24
65-84	11	11
85+	1	1
Race (%)		
White	43	68
Black & Other	57	32
Sex (%)		
Male	51	49
Female	49	51

In spite of the overall reports of good health given by the citizens of the Palmetto State, chronic conditions are still making an impact on the health of many South Carolinians. Through primary and secondary prevention we hope to reduce the risk factors that contribute to the major chronic diseases and leading causes of death among South Carolinians.

The chart below contains the risk factors that contribute to an increased risk of developing a chronic condition. These risk factors are related to the major causes of morbidity and mortality among South Carolinians. Some common behavioral risk factors that contribute to the leading causes of death are smoking, sedentary lifestyle, obesity, and high cholesterol. The prevalence of these risk factors from the 2002 South Carolina Behavioral Risk Factor Surveillance System (BRFSS) survey are listed in the table below for Hampton county.

RISK FACTOR	COUNTY (%)	STATE (%)
Current smoking	26	27
Sedentary lifestyle	46	42
Overweight	55	60
High Cholesterol	8	8

Some preventive measures such as immunization were included in the 2002 SC BRFSS. For persons age 65 and older in South Carolina:

30.6% have not received the flu shot in the past 12 months

35.1% have never had the pneumonia vaccination

Hospital/ED data in the following tables include ONLY those cases treated in SC hospitals. Cases treated in hospitals outside of SC are NOT included.

HYPERTENSION	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	28.4	.	.	.	.	28.4
Number of hospitalizations	47	38	9	16	31	5,173
Standard rate of hospitalizations (per 100,000)	220	357	80	168	272	125
Median age of hospitalized patients	55	53	73	53	58	63
Total cost of hospitalization (\$)	448,300	392,900	55,400	159,700	288,600	79,350,400
Average length of hospital stay (days)	4	4	3	4	4	5
Number of ED visits	118	93	25	49	69	7,306
Standard rate of ED visits (per 100,000)	554	887	222	501	604	175
Median age of ED patients	60	58	73	58	63	53
Total cost of ED visits (\$)	92,200	72,000	20,200	37,600	54,600	5,902,800
Number of deaths*	3	3	-	1	2	366
Standard death rate (per 100,000)*	14	29	-	9	16	9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	5.24	.	.	.	.	5.13
Number of hospitalizations	196	76	120	105	91	30,831
Standard rate of hospitalizations (per 100,000)	912	753	1,046	1,112	775	734
Median age of hospitalized patients	68	68	68	63	73	68
Total cost of hospitalization (\$)	4,931,200	1,647,600	3,283,600	3,174,500	1,756,700	969,122,700
Average length of hospital stay (days)	4	4	4	5	4	5
Number of ED visits	36	17	19	18	18	2,754
Standard rate of ED visits (per 100,000)	165	163	163	188	154	66
Median age of ED patients	73	73	73	63	78	63
Total cost of ED visits (\$)	81,000	39,800	41,200	57,800	23,200	10,617,900
Number of deaths*	61	29	32	24	37	9,723
Standard death rate (per 100,000)*	292	302	281	275	290	246

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	2.27	.	.	.	.	2.38
Number of hospitalizations	67	43	24	23	44	14,317
Standard rate of hospitalizations (per 100,000)	318	436	215	257	363	351
Median age of hospitalized patients	73	68	73	68	73	73
Total cost of hospitalization (\$)	1,192,700	616,000	576,700	358,000	834,700	279,819,700
Average length of hospital stay (days)	9	10	7	11	8	6
Number of ED visits	28	18	10	5	23	2,732
Standard rate of ED visits (per 100,000)	132	183	87	53	192	67
Median age of ED patients	73	73	75	63	83	73
Total cost of ED visits (\$)	42,200	28,600	13,600	6,500	35,700	6,322,600
Number of deaths*	13	9	4	5	8	2,816
Standard death rate (per 100,000)*	64	100	34	66	60	73

CHRONIC OBSTRUCTIVE PULMONARY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	77	31	46	36	41	14,524
Standard rate of hospitalizations (per 100,000)	357	291	422	363	354	351
Median age of hospitalized patients	53	43	63	53	55	58
Total cost of hospitalization (\$)	771,500	347,400	424,100	397,000	374,500	198,700,700
Average length of hospital stay (days)	4	5	4	4	5	5
Number of ED visits	215	155	60	84	131	37,517
Standard rate of ED visits (per 100,000)	1,015	1,306	609	805	1,286	914
Median age of ED patients	33	18	53	18	38	33
Total cost of ED visits (\$)	159,300	107,000	52,300	69,300	90,000	30,607,600
Number of deaths*	5	3	2	2	3	1,891
Standard death rate (per 100,000)*	23	26	17	19	24	48

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	8.28	.	.	.	.	8.33
Number of hospitalizations	103	71	32	50	53	8,652
Standard rate of hospitalizations (per 100,000)	486	646	318	473	489	207
Median age of hospitalized patients	53	53	58	53	58	53
Total cost of hospitalization (\$)	1,265,200	765,300	499,900	597,600	667,600	127,167,500
Average length of hospital stay (days)	6	6	8	7	6	6
Number of ED visits	117	96	21	54	63	9,316
Standard rate of ED visits (per 100,000)	548	910	197	520	555	224
Median age of ED patients	53	48	63	48	58	53
Total cost of ED visits (\$)	91,200	79,300	11,900	43,500	47,700	8,261,100
Number of deaths*	7	4	3	1	2	1,114
Standard death rate (per 100,000)*	34	46	27	24	26	28

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	142	85	57	58	84	24,644
Standard rate of hospitalizations (per 100,000)	666	816	523	599	770	591
Median age of hospitalized patients	58	58	63	63	48	58
Total cost of hospitalization (\$)	2,595,200	1,473,300	1,121,900	1,062,500	1,532,700	605,119,300
Average length of hospital stay (days)	5	5	6	6	5	6
Number of deaths*	47	24	23	33	14	8,320
Standard death rate (per 100,000)*	221	250	202	367	117	203

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	14	7	7	5	9	2,113
Standard rate of hospitalizations (per 100,000)	66	66	60	61	73	51
Median age of hospitalized patients	75	63	83	78	73	68
Total cost of hospitalization (\$)	463,300	229,500	233,800	142,000	321,300	80,248,200
Average length of hospital stay (days)	8	8	9	8	8	10
Number of deaths*	9	5	4	5	4	807
Standard death rate (per 100,000)*	42	51	35	50	32	20

BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	.	.	.	.	.	1,465
Standard rate of hospitalizations (per 100,000)	33	30	34	.	57	35
Median age of hospitalized patients	68	73	68	.	68	63
Total cost of hospitalization (\$)	76,300	37,900	38,400	.	76,300	21,213,600
Average length of hospital stay (days)	4	3	5	.	4	3
Number of deaths*	3	1	2	-	3	630
Standard death rate (per 100,000)*	14	9	16	-	28	15

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	.	.	.	.	.	222
Standard rate of hospitalizations (per 100,000)	14	29	.	.	29	5
Median age of hospitalized patients	58	58	.	.	58	48
Total cost of hospitalization (\$)	60,400	60,400	.	.	60,400	3,668,300
Average length of hospital stay (days)	5	5	.	.	-	4
Number of deaths*	-	-	-	-	-	26
Standard death rate (per 100,000)*	-	-	-	-	-	3

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	16	5	11	12	4	2,154
Standard rate of hospitalizations (per 100,000)	74	52	96	124	32	51
Median age of hospitalized patients	70	68	73	65	75	68
Total cost of hospitalization (\$)	236,300	75,600	160,700	184,300	52,000	70,474,400
Average length of hospital stay (days)	5	5	5	5	5	9
Number of deaths*	14	6	8	11	3	2,481
Standard death rate (per 100,000)*	67	63	72	127	25	60

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	.	.	.	.	.	1,353
Standard rate of hospitalizations (per 100,000)	28	62	.	63	.	32
Median age of hospitalized patients	65	65	.	73	.	68
Total cost of hospitalization (\$)	85,600	85,600	.	85,600	.	24,726,200
Average length of hospital stay (days)	3	3	.	3	.	4
Number of deaths*	5	2	3	5	-	478
Standard death rate (per 100,000)*	24	21	26	62	-	12

*Mortality data were provided by Division of Biostatistics, Office of Public Health Statistics and Information Systems, DHEC

For more information about

Chronic diseases in South Carolina contact:

Patsy Myers, RD, MS, DrPH
Bureau of Epidemiology
SC Department of Health and Environmental Control
1800 St. Julian Place, Suite 406
Columbia, SC 29204
Tel (803) 545-4920

Hospital discharges and ED visits, contact:

Sandra Kelly
Office of Research and Statistics
SC Budget and Control Board
1919 Blanding Street
Columbia, SC 29201
(803) 898-9958
skelly@ors.state.sc.us

